

CLAIMS

1. A drill bit assembly for direct removal of rock by means of a rotatable bit assembly (5; 8) that includes a
5 number of cutters or choppers (7; 9), **characterised** in that a number of cutters (7; 9) on the bit assembly (5; 8) are so disposed in relation to each other that a subsequent cutter, seen in the direction of rotation, will engage an edge created by the action of a preceding cutter.
- 10 2. A drill bit assembly according to Claim 1, **characterised** in that the bit assembly comprises a reamer (5) and cutters or choppers (7) disposed on the surface of said reamer.
- 15 3. A drill bit assembly according to Claim 2, **characterised** in that the cutters (7) are mounted along one or more helical lines on the surface of the reamer (5).
- 20 4. A drill bit assembly according to Claim 1, **characterised** in that the bit assembly is comprised of a cylindrical drum (8) and cutters or choppers (9) disposed on the outer barrel surface of the drum (8).
- 25 5. A drill bit assembly according to Claim 4, **characterised** in that the cutters (9) are disposed along one or more helical lines on the drum surface.